



Image

2826

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

INVENTORS:

Thomas J. Krutsick

CASE: 5

TITLE: FIELD PLATED RESISTOR WITH ENHANCED
ROUTING AREA THEREOVER

SERIAL NO. 09/650,604

FILING DATE 04/18/00

COMMISSIONER FOR PATENTS
ALEXANDRIA, VA 22313-1450

SIR:

In response to the Notice of Non-Compliant Amendment mailed 01/09/04
please substitute the following for pages 1 and 2 of the amendment filed on
12/11/03.

Date: JAN 14 2004

Law Firm of Peter V.D. Wilde
301 East Landing
Williamsburg, VA 23185

FIRST CLASS MAIL

These papers are being deposited
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by Peter V.D. Wilde
date January 14, 2004

26

GROUP ART UNIT 2826

EXAMINER AHMED N. SEFER

Respectfully,

Peter V.D. Wilde
Peter V.D. Wilde
Reg. No. 19658



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, DC 20231
www.uspto.gov

Paper No.

Notice of Non-Compliant Amendment (37 CFR 1.121)

The amendment document filed on 12/12/03 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121, as amended on June 30, 2003 (see 68 Fed. Reg. 38611, Jun. 30, 2003). In order for the amendment document to be compliant, correction of the following omission(s) or provision is required. **Only the section (1.121(h)) of the amendment document containing the omission or non-compliant provision must be resubmitted (in its entirety), e.g., the entire "Amendments to the claims" section of applicant's amendment document must be re-submitted.**

THE FOLLOWING CHECKED (X) ELEMENTS(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- ☐ 1. Amendments to the specification:
- ☐ A. Amended paragraph(s) do not include markings.
 - ☐ B. New paragraph(s) should not be underlined.
 - ☐ C. Other _____
- ☐ 2. Abstract:
- ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
 - ☐ B. Other _____
- ☐ 3. Amendments to the drawings: _____
- ☒ 4. Amendments to the claims:
- ☒ A. A complete listing of all of the claims is not present.
 - ☐ B. The listing of claims does not include the text of all claims (incl. withdrawn claims)
 - ☐ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified.
 - ☐ D. The claims of this amendment paper have not been presented in ascending numerical order.
 - ☒ E. Other: The Amdt. of 12/12/03 is stating that it's responding to the Amdt of 4/17/03

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP Sec. 714 and the USPTO website at <http://www.uspto.gov/web/offices/pac/dapp/opla/preognotice/officeflyer.pdf>.

If the non-compliant amendment is a **PRELIMINARY AMENDMENT**, applicant is given ONE MONTH from the mail date of this letter to supply the corrected section which complies with 37 CFR 1.121. Failure to comply with 37 CFR 1.121 will result in non-entry of the preliminary amendment and examination on the merits will commence without consideration of the proposed changes in the preliminary amendment(s). This notice is not an action under 35 U.S.C. 132, and this **ONE MONTH time limit** is not extendable.

If the non-compliant amendment is a reply to a **NON-FINAL OFFICE ACTION**, and since the amendment appears to be a *bona fide* attempt to be a reply (37 CFR 1.135(c)), applicant is given a TIME PERIOD of ONE MONTH from the mailing of this notice within which to re-submit the corrected section which complies with 37 CFR 1.121 in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD ARE AVAILABLE UNDER 37 CFR 1.136(a).**

If the amendment is a reply to a **FINAL REJECTION**, this form may be an attachment to an Advisory Action. The period for response to a final rejection continues to run from the date set in the final rejection, and is not affected by the non-compliant status of the amendment.

Sandra Paris
Legal Instruments Examiner (LIE)

1-27 (canceled)

28. (previously presented) An integrated circuit having a field-plated resistor the field-plated resistor comprising:

- a. a resistor body formed in a semiconductor substrate, the resistor body having first and second contact regions,
- b. a first insulating layer on the resistor body, the first insulating layer approximately coextensive with the resistor body and having a top surface and a bottom surface,
- c. a contact window in the first insulating layer and extending from the top surface of the first insulating layer through the first insulating layer to the resistor body,
- d. a field plate on the first insulating layer and approximately coextensive therewith and with the resistor body, the field plate having a top surface and a bottom surface, with a portion of the bottom surface extending through the contact window in the first insulating layer and into contact with the first contact region of the resistor,
- e. a second insulating layer, with a first portion of the second insulating layer at least substantially covering the field plate,
- f. an electrical contact to the top surface of the field plate,
- g. an electrical contact to the second contact region of the resistor, and electrically insulated from the field plate, and
- h. a plurality of metal conductors formed on the first portion of the second insulating layer.